

AMENDMENTS TO THE SPECIFICATION

Page 1, please amend the first two paragraphs as follows:

The present invention relates to the processing of the signal in spread spectrum digital
~~radio~~~~communication~~~~radio~~ communication receivers.

The invention finds application in the field of code-division multiple access (CDMA)
~~radio~~~~communications~~~~radio~~ communications, such as UMTS ("Universal Mobile
Telecommunication System").

Page 4, please amend the first paragraph as follows:

The invention thus proposes a method of signal processing for a spread spectrum digital
~~radio~~~~communication~~~~radio~~ communication receiver, comprising the following steps:

Page 5, please amend the fourth paragraph as follows:

The invention moreover proposes a spread spectrum 30 digital ~~radio~~~~communication~~~~radio~~
communication receiver comprising means for determining a propagation profile of a
propagation channel between sending means and the receiver, including at least one propagation
path associated with a reception energy, means for measuring data relating to an energy
distribution in the propagation profile, means for choosing a predetermined maximum number of
propagation paths according to a criterion for choosing, means for estimating information
symbols carried by a signal received originating from means of sending over the propagation
channel, by applying to said signal a processing taking into account the paths chosen. The

receiver furthermore comprises means for selecting a criterion for choosing from several criteria, designed to select a criterion for choosing as a function of the data measured relating to the energy distribution in the propagation profile.

Page 7, please amend the first full paragraph as follows:

The invention finally proposes a computer programme, loadable into a memory associated with a processor, and comprising instructions for the implementation of a method as defined ~~hereinabove~~herein above during the execution of said programme by the processor, as well as a computer medium on which said programme is recorded.

Page 7, please amend the third full paragraph as follows:

Figure 1 diagrammatically shows a radio receiver 1 able to implement the present invention. This receiver may be that of a base station or of a mobile terminal supporting spread spectrum CDMA ~~radio communication~~radio communication technology such as UMTS technology.

Page 12, please amend the third full paragraph as follows:

We then obtain $G(P, N, F, 8)$, for example in the manner 15 described ~~hereinabove~~herein above, so as to then calculate the gain values $G_{2,1}$.